

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1. (Currently Amended) A syringe for dispensing a fluid susceptible to void formation when the syringe and the fluid are frozen and then thawed before dispensing, the syringe comprising:

a barrel including a first opening, a second opening from which the fluid is dispensed after the fluid is thawed, a substantially cylindrical sidewall between said first and second openings, ~~said sidewall including~~ an inwardly-facing surface on said substantially cylindrical sidewall, a plurality of axially extending axial grooves defined in said inwardly-facing surface, and a tapered region ~~between said inwardly-facing surface and~~ narrowing from said substantially cylindrical sidewall toward said second opening, said inwardly-facing surface and said axially-extending grooves configured to be contacted by the fluid, and said ~~axially extending axial~~ grooves extending from approximately said first opening to approximately said tapered region.

2. (Currently Amended) The syringe of claim 1 wherein said inwardly-facing surface is centered about a longitudinal axis, and said axial grooves are aligned substantially parallel to said longitudinal axis.

3. (Currently Amended) The syringe of claim 1 wherein said axial grooves provide an average surface roughness greater than about 0.1 microns.

4. (Previously Presented) The syringe of claim 4 wherein said surface roughness is greater than about 2.5 microns.

5. (Original) The syringe of claim 4 wherein said surface roughness is between about 2.5 microns and about 5.1 microns.

6. (Currently Amended) The syringe of claim 1 wherein said substantially cylindrical sidewall has a flexibility and said axial grooves provide a level of said surface roughness to cooperate with said flexibility of said substantially cylindrical sidewall ~~portion~~ to reduce void formation.

7. (Currently Amended) The syringe of claim 6 wherein said substantially cylindrical sidewall is formed from polypropylene, and said substantially cylindrical sidewall has a thickness ranging from about 0.019" and about 0.025".

8. (Currently Amended) The syringe of claim 6 wherein said flexibility depends upon a thickness of said substantially cylindrical sidewall and a material forming said substantially cylindrical sidewall.

9. (Currently Amended) The syringe of claim 1 further comprising:

a pressure sleeve capable of being placed in a surrounding relationship with said substantially cylindrical sidewall when the fluid ~~filling said reservoir~~ is dispensed through said second opening.

10-17. (Cancelled)

18. (Currently Amended) The syringe of claim 1 wherein ~~[[the]]~~ said inwardly-facing surface of said substantially cylindrical sidewall and said ~~axially-extending axial~~ axial grooves include a plurality of surface features configured to increase ~~the contact a surface area of the inwardly-facing surface~~ over which ~~[[the]]~~ said inwardly-facing surface is contacted by the fluid.

19. (Currently Amended) The syringe of claim 18 wherein ~~[[the]]~~ said surface features comprise a surface texture.

20. (Currently Amended) The syringe of claim 19 wherein ~~[[the]]~~ said surface texture provides an average surface roughness is greater than 0.1 microns.

21. (Currently Amended) The syringe of claim ~~[[20]]~~ 19 wherein the surface roughness ~~[[is]]~~ ranges from about 2.5 microns to about 5.1 microns.

22. (Currently Amended) The syringe of claim 1 further comprising:  
a fluid disposed within ~~the reservoir-said barrel~~.

23. (Currently Amended) The syringe of claim 1 wherein ~~[[the]]~~ said axial grooves extend substantially along the length of ~~[[the]]~~ said barrel.

24. (Currently Amended) The syringe of claim 1 wherein ~~[[the]]~~ said axial grooves have one of the following cross-sectional profiles:

- a) double shaped
- b) rounded U
- c) squared U
- d) hemispherical
- e) elongated
- f) V-shaped
- g) rounded V-shaped
- h) crescent shaped, and
- i) I-shaped.

25. (Currently Amended) The syringe of claim 1 wherein ~~[[the]]~~ said axial grooves have a cross-sectional profile that increases a surface contact area of the surface over which ~~[[the]]~~ said inwardly-facing surface is contacted by the fluid.

26. (Currently Amended) The syringe of claim 25 wherein ~~the surface of the~~ said inwardly-facing surface ~~of the said wall disposed between the grooves~~ is textured between said grooves to further increase the contact surface area of the surface over which ~~[[the]]~~ said inwardly-facing surface is contacted by the fluid.

27. (Currently Amended) The syringe of claim 1 ~~wherein said barrel includes a fluid outlet, and~~  
further comprising:

a single piston disposed inside said barrel such that ~~axially extending said axial grooves~~  
are located between said single piston and said second opening while the syringe and the fluid are  
frozen.

28. (Withdrawn) A method of using the syringe of claim 1, the method comprising:

filling the syringe with the fluid; and  
freezing the syringe and the fluid.

29. (Withdrawn) The method of claim 28 further comprising:

thawing the syringe and the fluid; and  
dispensing the fluid, after thawing, from the second opening of the syringe.